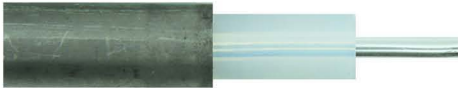


RG401AL

SEMI-RIGID RG401AL 50 OHM COAX CABLE 0.250" DIAMETER TIN-PLATED ALUMINUM OUTER CONDUCTOR



PART NUMBER:	RG401AL
CATEGORY:	SEMI-RIGID
DESCRIPTION:	COAXIAL CABLE
IMPEDANCE:	50 OHMS
DIELECTRIC:	TEFLON
OUTER CONDUCTOR:	ALUMINUM
CENTER CONDUCTOR:	SPC

DIMENSIONS:

OUTER CONDUCTOR:	0.250 DIAMETER
DIELECTRIC:	0.209 DIAMETER
CENTER CONDUCTOR:	0.0641 DIAMETER

MECHANICAL CHARACTERISTICS:

LENGTH:	20.0 FT
OUTER CONDUCTOR TEMPERATURE:	437 °F
OPERATING TEMPERATURE (MAX):	437 °F
INSIDE BEND RADIUS (MINIMUM):	0.250 IN
WEIGHT:	6.18 LBS

ELECTRICAL CHARACTERISTICS:

CAPACITANCE:	29.0 PF/FT
CORONA EXTINCTION VOLTAGE VRMS@60HZ:	5600
VOLTAGE WITHSTANDING VRMS@60HZ:	16800
HIGHER ORDER MODE FREQUENCY:	19.0 GHZ
ATTENUATION (dB/100ft):	
A. 0.5 GHz:	4.90
B. 1 GHz:	7.20
C. 5 GHz:	18.40
D. 10 GHz:	28.40
E. 18 GHz:	42.00
POWER (WATTS):	
A. 0.5 GHz:	1395.10
B. 1 GHz:	961.10
C. 5 GHz:	387.60
D. 10 GHz:	255.30
E. 18 GHz:	176.20